

SRM Institute of Science and Technology,KTR



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SECTION: V2

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UML PROJECT

With emergence to digital era, most of the educational activities all over the world has been shifted to digital mode rather than physical mode. So, as part of this even libraries have been try to get digital support like an Mobile Application where a person create account, access different digital copies of books,journals and research papers.

This file contains uml diagrams of Library Management System.

The following uml diagrams have been used to express procedure inside a library.

1. Class Diagram
2. Sequence diagram
3. Activity diagram
4. State Chart diagram
5. Collaboration diagram

Software Requirements Specification:

Purpose:

The purpose of this application is to synchronise the operation of library management system and make its operation more efficient.

Indented Audience:

This document I s useful for libraries which want to modernize their operations. It is also useful for avid readers and book lovers as they would be able to access their books with minimum hassle

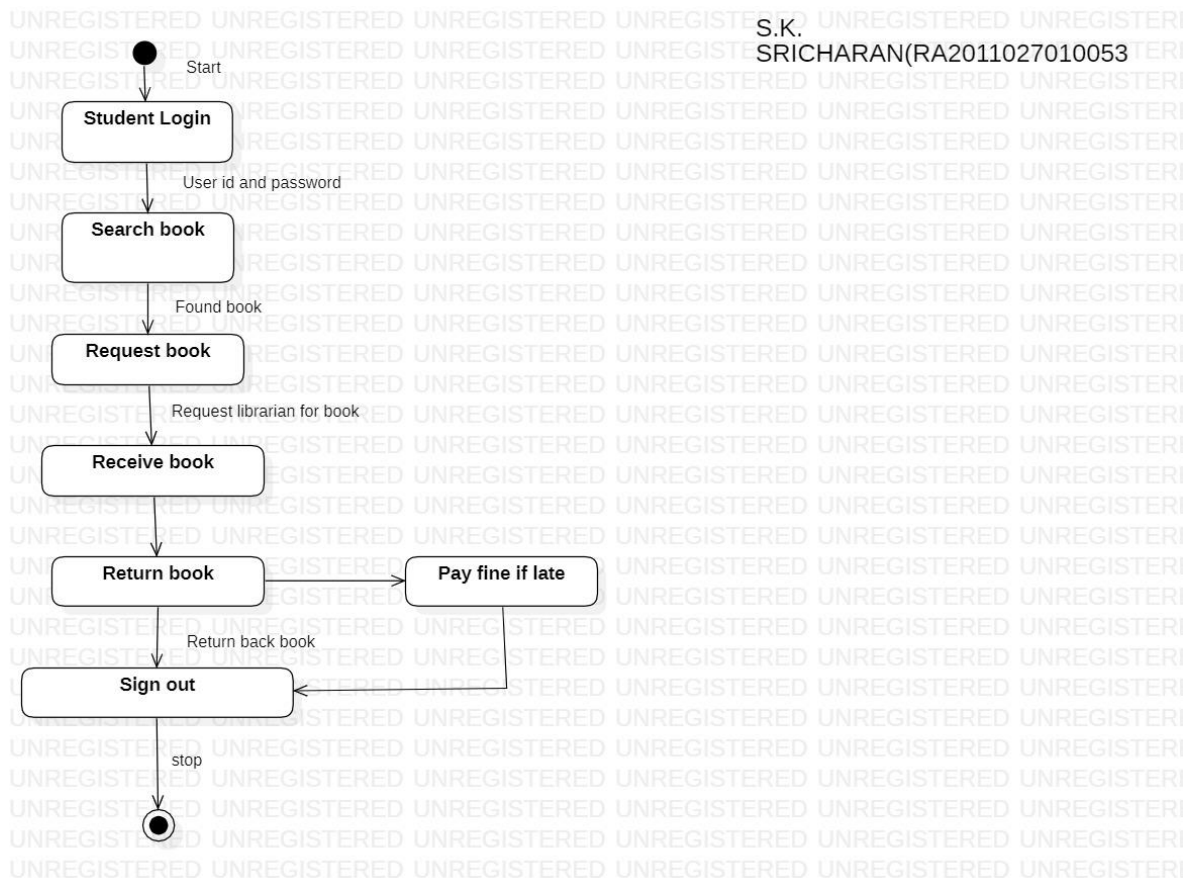
System Features:

The basic feature of this system is that it provides an online platform to login and verify the user identity of an user or register new users. Then it takes the user to the virtual book shelf where they can choose the books of their choice. After that it allows users to make choice and it allows the user to read the book. Then it provides an log out option. It also validates and keeps count of the books issued and fines the defaulters.

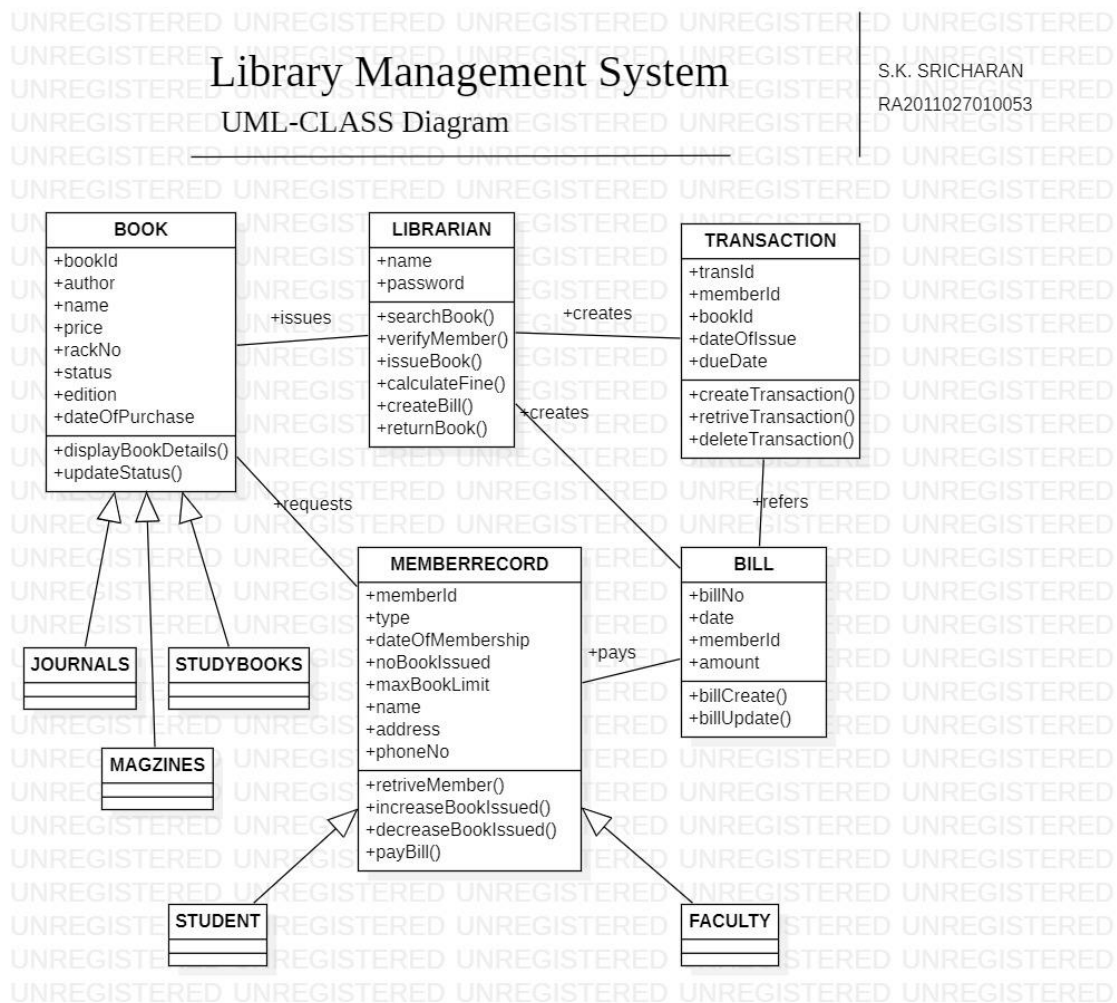
Software used:

STAR UML

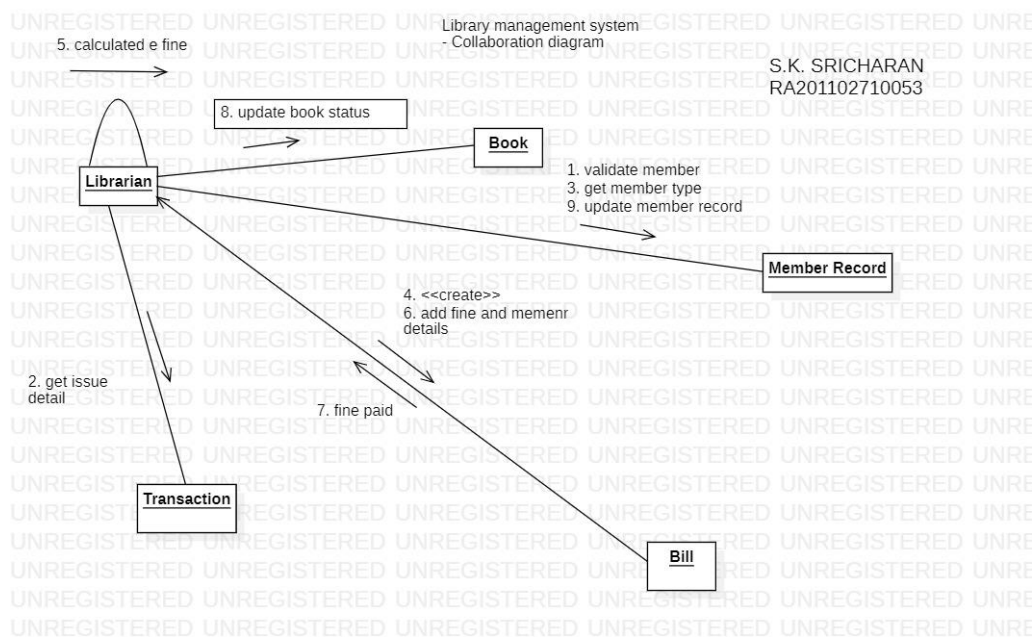
1. STATE CHART DIAGRAM



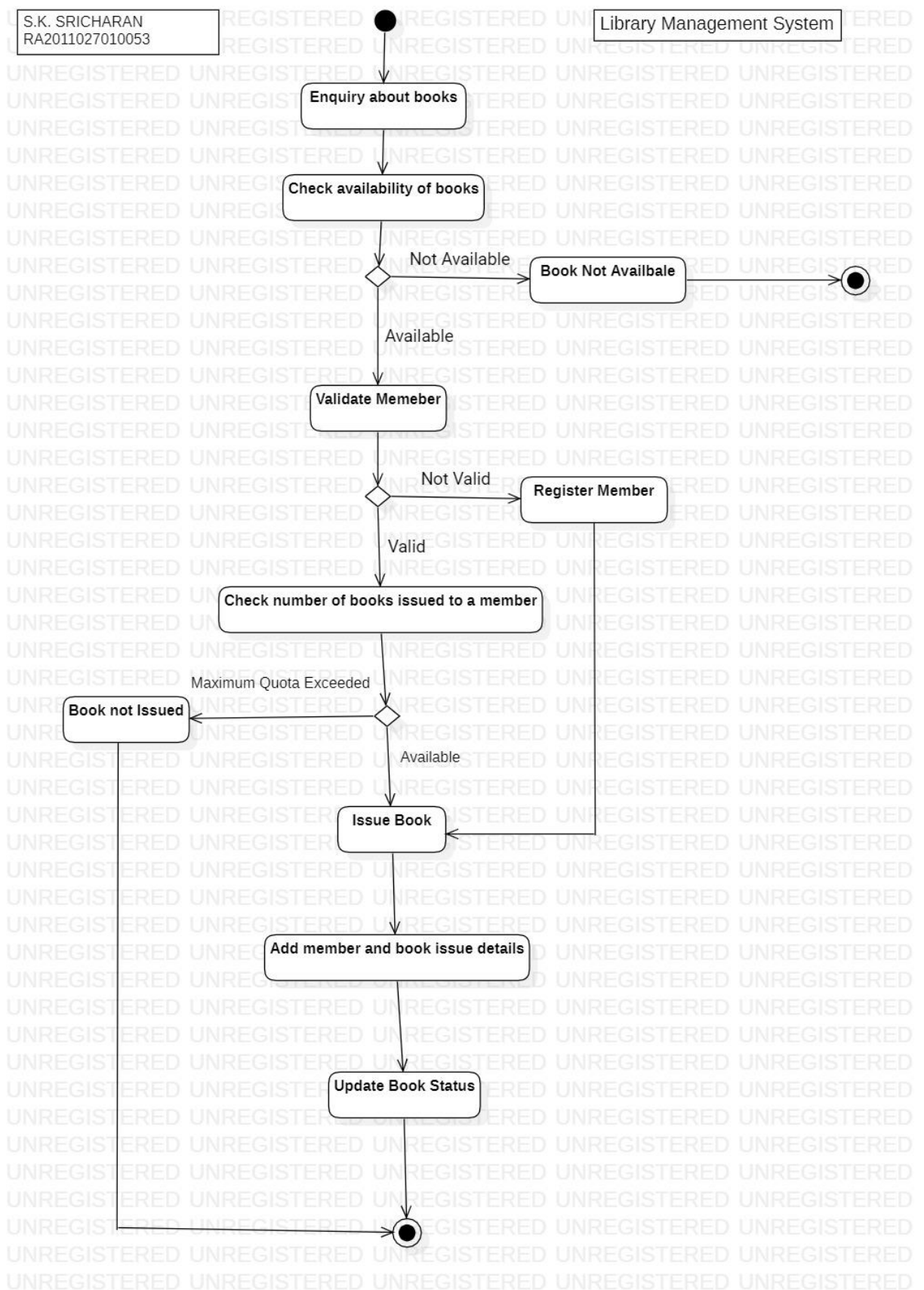
2. CLASS DIAGRAM



3. COLLABRATION DIAGRAM:



4. ACTIVITY DIAGRAM:



5. SEQUENCE DIAGRAM:

